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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Unger et al.

Group Art Unit: 2131

Serial No.: 10/038,217

Examiner: Moorthy, Aravind K.

Filed: 1/2/2002

Title: Critical Packet Partial Encryption

Attorney Docket No.: SNY-R4646.01

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

The undersigned submits herewith patents, publications or other information (enclosed herewith and/or listed on the enclosed list of references form) of which he is aware, which he believes is relevant and may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR §1.56. The order of listing of the references on the attached form and any appendix hereto is without regard for relative relevance to the present invention.

This Information Disclosure Statement is submitted:

☒ Under 37 CFR §1.97(b).

(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

☐ Under 37 CFR §1.97(c).

☐ Below is a statement under 37 CFR §1.97(e), or

☐ An IDS submission fee under 37 CFR §1.17(p).

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first. Either a statement under 37 CFR 1.97(e) or an IDS submission fee is required.)

☐ Under 37 CFR §1.97(d).

☐ Below is a statement under 37 CFR §1.97(e), and

☐ Applicant(s) hereby petitions under 37 CFR §1.97(d)(2) for consideration of this Information Disclosure Statement, and

☐ A petition fee set forth in 37 CFR §1.17(i) is paid as indicated below.

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

The undersigned hereby certifies under 37 CFR §1.97(e) that:

- [X] 2002/0196938 and 2004/0139337 contained in the Information Disclosure Statement were cited in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, and
- [X] None of the remaining items contained in the Information Disclosure Statement:
  - were cited in a communication from a foreign patent office in a counterpart foreign application, and
  - to the knowledge of the undersigned, after making reasonable inquiry, were known to an individual designated in 37 CFR §1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

A concise explanation of relevance of the items listed on the attached form:

- [ ] Additional information is provided in an appendix to this communication.
- [ ] Appears in the body of the application.
- [ ] Is given for non-English language listed item(s) [Required] and appears in an appendix to this communication.
- [X] Is in the form of an English language copy of a Search Report (copy attached) from a foreign patent office, issued in a counterpart application which refers to the relevant portions of the references.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR §1.56, this statement does not constitute an admission that any patent, publication or other information referred to therein is "prior art" or "material" to this invention or any application for patent for this invention.

In accordance with 37 CFR §1.97, the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that other information that may be material as defined in 37 CFR §1.56 exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR §1.97 and §1.98 and MPEP §609. The Examiner is requested to fully consider each of these references and acknowledge such consideration by appropriately initialing the attached form and returning a copy to the address below. In addition, the Examiner is requested to conduct a thorough independent search in order to bring the best references available forward in this application.

The fee required for this Information Disclosure Statement is calculated below:

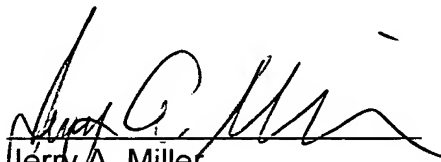
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- ☐ A check for the above fees is enclosed.
- ☐ Please the above fees to my credit card. See the enclosed credit card charge authorization form.
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#### CERTIFICATE OF MAILING

I hereby certify that this Information Disclosure Statement including associated List of References and fee (if required) is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date executed below.

Respectfully submitted,

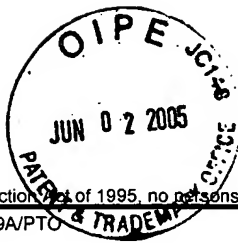
  
Jerry A. Miller  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

|                        |                     |
|------------------------|---------------------|
| Application Number     | 10/038,217          |
| Filing Date            | 1/2/2002            |
| First Named Inventor   | Unger et al.        |
| Art Unit               | 2131                |
| Examiner Name          | Moorthy, Aravind K. |
| Attorney Docket Number | SNY-R4646.01        |

Sheet 1 of 2

### U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    |                       | US-5,940,738                             | 8/17/1999                      | Rao, R. Padmanabha                                 |   |
|                    |                       | US-5,973,722                             | 10/26/1999                     | Wakai et al.                                       |   |
|                    |                       | US-6,058,192                             | 5/2/2000                       | Guralnick et al.                                   |   |
|                    |                       | US-2002/0083438                          | 6/27/2002                      | So et al.  |   |
|                    |                       | US-6,456,985                             | 9/24/2002                      | Ohtsuka, Shuichi                                   |   |
|                    |                       | US-2002/0196939                          | 12/26/2002                     | Unger et al.                                       |   |
|                    |                       | US-2004/0139337                          | 7/15/2004                      | Pinder et al.                                      |   |
|                    |                       | US-                                      |                                |  |   |
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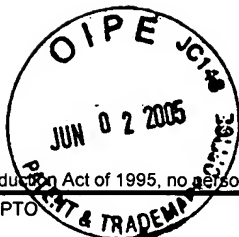
### FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|--|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                |  |   |                |
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| Examiner Signature | Date Considered |
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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| First Named Inventor   | Unger et al.        |
| Art Unit               | 2131                |
| Examiner Name          | Moorthy, Aravind K. |
| Attorney Docket Number | SNY-R4646.01        |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|-----------------------|--------------------------|---|----------------|
|                       |                          | ALATTAR, A.M. et al., Improved selective encryption techniques for secure transmission of MPEG video bitstreams, 10/24/1999, Digimarc Corp., Lake Oswego, OR, USA, IEEE, pgs. 256-260   |                |
|                       |                          | KUNKELMANN T. et al., A scalable security architecture for multimedia communication standards, Darmstadt Univ. of Technology, ITO, Germany, 1997, pgs. 660-661  |                |
|                       |                          | YIP, KUN-WAH, Partial-encryption technique for intellectual property protection of FPGA-Based products, December 15, 1999, IEEE, pgs. 183-190   |                |
|                       |                          | International Search Report for application no. PCT/US2004/032228   |                |
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| Examiner<br>Signature | Date<br>Considered |
|-----------------------|--------------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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